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(54) **SYSTEM AND METHOD FOR VIRTUAL  
SETUP AND CONFIGURATION FOR A  
BUILD-TO-ORDER COMPUTER**

(75) **Inventors:** Daniel R. Eynon, Georgetown, TX  
(US); Elizabeth A. Rowland, Austin,  
TX (US)

(73) **Assignee:** Dell Products L.P., Round Rock, TX  
(US)

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707/10, 104.1, 102; 713/1-2

(56) **References Cited**

#### U.S. PATENT DOCUMENTS

5,894,571 A	*	4/1999	O'Connor	713/2
5,897,622 A	*	4/1999	Blinn et al.	705/26
5,903,878 A	*	5/1999	Talati et al.	705/26
6,092,053 A	*	7/2000	Boesch et al.	705/10
6,094,720 A	*	7/2000	Cromer et al.	713/1
6,125,352 A	*	9/2000	Franklin et al.	705/26
6,161,176 A	*	12/2000	Hunter et al.	713/1

6,167,383 A	*	12/2000	Henson	703/13
6,182,212 B1	*	1/2001	Atkins et al.	713/1
6,209,089 B1	*	3/2001	Selitrennikoff et al.	713/2
6,240,420 B1	*	5/2001	Lee	345/810
6,256,635 B1	*	7/2001	Arrouye et al.	707/10
6,334,158 B1	*	12/2001	Jennyc et al.	709/328

#### OTHER PUBLICATIONS

Rajiv Dewan, Bing Jing, Abraham Seidmann. "One-to-One Marketing on the Internet", Jan. 1999. Association for Information Systems. Proceeding of the 20th International Conference on Information Systems. pp. 93-102.\*

\* cited by examiner

*Primary Examiner*—Greta Robinson

*Assistant Examiner*—Susan Rayyan

(74) *Attorney, Agent, or Firm*—Haynes and Boone, LLP

(57) **ABSTRACT**

A system and method for an end-to-end order fulfillment process that includes a virtual setup and configuration for a build-to-order system is provided. The system includes a computing device. The computing device is for receiving order information from a customer and causing end user environment information to be received in response to receiving the order information. The computing device is also for causing a product to be built in accordance with the order information and causing the product to be configured in accordance with the end user environment information prior to the product being provided to the customer.

33 Claims, 5 Drawing Sheets

